

## ABSTRACT OF THE DISCLOSURE

A pump including a first piston positioned within a first chamber having a first inlet and a first outlet. A second piston is positioned within a second chamber and is secured to the first piston. The diameter of the first piston is larger than the diameter of  
5 the second piston. The second chamber has a second inlet and a second outlet. The second inlet is in communication with the first outlet of the first chamber. A drive system reciprocates the first and second pistons in unison within the first and second chambers such that fluid is pumped into the first chamber, from the first chamber to the second chamber, and then expelled from the second chamber.